

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A drier installation $[(1)]$ for drying a web $[(2)]$, ~~more particularly paper~~, said installation being provided for drying a maximum web width, said installation comprising: ~~(1) comprises~~

~~gas-heated~~ radiant elements configured to radiate ~~(3) for radiating~~ said web $[(,)]$ arranged ~~in according to~~ at least one row $[(4)]$ stretching out in a transverse ~~the transversal~~ ~~(5) direction to a over the~~ substantially entire maximum web width, and

~~said installation (1) comprising~~ at least a transversal convective system ~~(7, 36)~~ equipped with suction and blowing devices configured to suck ~~(8) for sucking~~ at least part of $[(the)]$ combustion products produced by said radiant elements $[(3)]$ by ~~means of~~ a suction duct $[(13)]$ and configured to blow ~~for blowing~~ said part of the combustion products towards said web $[(2)]$ by ~~means of~~ a blowing duct $[(14)]$, wherein said suction $[(13)]$ and blowing $[(14)]$ ducts stretch ~~stretching~~ out in the transverse ~~transversal~~ ~~(5)~~ direction of said web $[(2)]$,

said convective system ~~(7, 36)~~ comprising at least a mixing device ~~(12, 22, 28, 37, 46)~~ installed opposite of the ~~passing~~ web $[(2)]$ in relation to corresponding suction $[(13)]$ and blowing $[(14)]$ ducts, wherein the mixing device is $[(and)]$ arranged so as to suck and/or blow said combustion products, wherein a $[(the)]$ vector average of $[(the)]$ projections ~~(V1, V2, V3, V5, V6, V7, V8)~~ in a plane $[(P1)]$ perpendicular to said web $[(2)]$ and stretching out in the transverse ~~transversal~~ ~~(5)~~ direction of said web $[(2)]$, has a component $[(V4)]$ parallel to the web $[(2)]$ that is smaller than said maximum web width of said web $[(2)]$, said vectors representing $[(the)]$ respective trajectories of $[(the)]$ different jets of sucked and/or blown combustion products.

2. (Currently Amended) The drier $[(Drier)]$ installation according to claim 1, wherein said component $[(V4)]$ parallel to the web ~~(2) that~~ is smaller than approximately half of said maximum web width of the web $[(2)]$.

3. (Currently Amended) The drier [[Drier]] installation according to claim 1, wherein each mixing device ~~(12, 22, 28, 37, 46)~~ is arranged in such a way that the vector average, wherein the vector average is an average of vectors representing the respective trajectories of different jets of sucked and/or blown combustion products by each of said mixing devices, (V5, V8) of [[the]] projections in a plane ~~[(P1),]~~ perpendicular to the web ~~[(2)]~~ and stretching out in the transverse transversal ~~(5)~~ direction of said web ~~(2)~~, ~~of the vectors representing the respective trajectories of the different jets of sucked and/or blown combustion products by each of said mixing devices,~~ is substantially perpendicular to said web ~~[(2)]~~ or substantially null.

4. (Currently Amended) The drier [[Drier]] installation according to claim 1, wherein each mixing device ~~(12, 22, 28, 37, 46)~~ and the corresponding blowing duct ~~duets~~ ~~(14)~~ are arranged so that the vectors representing the respective trajectories of the different jets of combustion products blown on said web ~~[(2)]~~ have, in projection to a plane ~~(P2)~~, perpendicular to the web ~~[(2)]~~ and stretching out according to a [[the]] median longitudinal axis ~~[(54)]~~ of said web ~~[(2)]~~, a component ~~[(V9)]~~ that is not null.

5. (Currently Amended) The drier [[Drier]] installation according to claim 1, wherein each mixing device ~~(12, 22, 28, 37, 46)~~ and the corresponding suction and blowing ducts ~~(13, 14)~~ are arranged so that the vectors representing the respective trajectories of the different jets of sucked and/or blown combustion products are distributed in a substantially symmetrical way in relation to a [[the]] plane ~~[(P2),]~~ perpendicular to said web ~~[(2)]~~ and stretching out according to a [[the]] median longitudinal axis ~~[(54)]~~ of said web ~~[(2)]~~.

6. (Currently Amended) The drier [[Drier]] installation according to claim 1, wherein said convective system ~~(7, 36)~~ includes at least one suction duct ~~[(13)]~~ that stretches out at least in the transverse transversal direction ~~[(5)]~~ of the web ~~[(2)]~~, and at least one blowing duct ~~[(14)]~~ that stretches out at least in the transverse transversal ~~(5)~~ direction of the web, wherein ~~[(2);]~~ the [[said]] suction duct ~~[(13)]~~ and the [[said]] blowing duct ~~[(14)]~~ are separated from one another by a common wall ~~[(15)]~~.

7. (Currently Amended) The drier [[Drier]] installation according to claim 6, wherein said common wall [[(15)]] is equipped with [[a]] devices configured to advance ~~(16) for advancing the~~ thermal exchanges between the sucked combustion products and the blown combustion products.

8. (Currently Amended) The drier [[Drier]] installation according to claim 1, wherein said transversal convective system ~~(7, 36)~~ has a first exterior casing [[(17)]] for suction of said combustion products,

wherein said first exterior casing has ~~(17) having~~ in a longitudinal cross-section according to a [[the]] plane ~~(P2)~~ perpendicular to said web [[(2)]] and stretching out according to a [[the]] median longitudinal axis [[(54)]] of said web [[(2)],] a substantially U-shaped cross-section with an opening towards the web [[(2)]], wherein said U-shaped first exterior casing [[(17)]] substantially stretches out in the transverse ~~transversal~~ direction [[(5)]] of the web ~~(2); and inside the first external casing (17),~~

wherein said transversal convective system has a second internal casing inside the first external casing [[(18)]] for blowing said combustion products, wherein said second internal casing has ~~having~~ a wall with a substantially U-shaped longitudinal cross-section with an opening towards the web [[(2)]], wherein said second internal casing stretches ~~and stretching~~ out in the transverse direction of the web inside said first external casing [[(17)]].

9. (Currently Amended) The drier [[Drier]] installation according to claim 8, wherein the U-shaped wall [[(20)]] of the second internal casing [[(18)]] has several first openings [[(21)]], [[and]] wherein a device ~~an organ (22)~~ to blow air under pressure is arranged substantially in an [[the]] axis of each first opening [[(21)]] so as to create a venturi effect, so as to suck at least a part of the combustion products and to blow them towards the web [[(2)]].

10. (Currently Amended) The drier [[Drier]] installation according to claim 9 [[8]], wherein the U-shaped wall [[(20)]] of the second internal casing [[(18)]] has several second openings [[(27)]] stretching out in the transverse ~~transversal (5)~~ direction of the web [[(2)]], [[and]]

wherein a cylindrical rotor [[(28)]] with radial blades [[(30)]] rotating around an axis [[(31)]] parallel to the web [[(2)]], said axis being substantially perpendicular to a [[the]]

passing [(6)] direction of the web [(2)], is installed on an ~~at the~~ interior side of the first external casing [(17)] in front of each of the second openings [(27)].

11. (Currently Amended) The drier [[Drier]] installation according to claim 9, wherein the first or second openings ~~(21, 27)~~ are made in a the tube formed by a ~~(20a) of the wall of~~ the transversal convective system that is [(20)] substantially parallel to the ~~passing~~ web [(2)].

12. (Currently Amended) The drier [[Drier]] installation according to claim 1, wherein said convective system [(36)] at least has one turbine, an axis [(37)] of which ~~the axis (38)~~ is substantially perpendicular to the web [(2)].

13. (Currently Amended) The drier [[Drier]] installation according to claim 12, wherein each turbine [(37)] has a centrifugal turbine wheel [(39)] of which a ~~the~~ suction opening [(40)] is connected to an upstream transversal suction duct [(13)] in relation to the web, wherein ~~(2); the~~ sucked combustion products are blown through two tangential outlet openings [(41)] substantially directly opposite in the transverse ~~transversal~~ direction [(5)] of the web and connected to the transverse ~~a transversal~~ blowing duct [(14)] adjacent to the suction duct [(13)].

14. (Currently Amended) The drier [[Drier]] installation according to claim 12, wherein said convective system [(36)] has at least two turbines [(37)] arranged in ~~according to~~ a row stretching out in the transverse ~~transversal (5)~~ direction of the web [(2)], wherein ~~in which~~ each turbine cooperates with a corresponding suction [(13)] and blowing duct [(14)], stretching out transversally along a respective part of the width of the web [(2)].

15. (Currently Amended) The drier [[Drier]] installation according to claim 1, wherein said installation comprises at least two transversal convective systems [(7, 36)] arranged one after the other in a ~~the~~ passing [(6)] direction of the web [(2)] and separated one from the other by at least one transversal row [(4)] of the ~~gas-heated~~ radiant elements [(3)].

16. (New) The drier installation according to claim 1, wherein the web is paper.

17. (New) The drier installation according to claim 1, wherein the radiant elements are gas-heated.